Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 22 Sep 2021 until 23:59 on Thursday 23 Sep 2021

Forecast Issued on Wednesday 22 Sep 2021 at 03:51

Confidence: High for increasingly windy conditions over the coming days. The main uncertainty relates to the extent of cloud and rainfall across the hills from Friday.

Headline for Wednesday 22 Sep 2021: A windy day with poor visibility at first, then bright or sunny.

Mountain weather hazards on Wednesday 22 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Light rain
Precipitation probability					
40%	10%	10%	10%	10%	50%

Forecast for Wednesday 22 Sep 2021

Weather: Low cloud and patchy rain or drizzle will result in a dull, damp start. Clearer skies will spread from the north through morning to leave a dry, bright and often sunny day. The strong winds will be the main feature of the day, however. Cloud will thicken again from sunset with some rain through late evening.

Chance of cloud free mountain/hill tops above 600m: 20% improving 90% by mid-morning, 40% during the evening.

Visibility: Cloud will be rather extensive above around 400m through early morning, but will lift and break to leave very good visibility across the area.

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Forecast for Wednesday 22 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/31 W	22/32 W	23/34 SW	25/37 W	21/32 SW	22/34 SW	24/38 SW
300	13/27 W	13/27 W	16/30 W	16/32 W	13/28 SW	14/30 SW	17/35 W
Valley	7/19 W	11/23 W	14/27 SW	15/29 SW	12/27 SW	13/28 SW	16/33 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/7	12/8	12/8	11/7	11/7	11/7
300	13/11	13/11	15/12	15/12	13/11	13/11	13/10
Valley	14/14	15/13	16/14	16/13	15/13	15/13	15/12
Freezing Level*	2700m	2500m	2300m	2200m	2400m	3100m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds likely 10mph higher than indicated on most exposed ground, perhaps reaching gale force.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 22 Sep 2021	0mm	0mm	5mm

Forecast for Thursday 23 Sep 2021

Weather: A cloudy but largely dry day with fresh westerly winds. Poor visibility is expected on the summits at times with the best conditions to be had on lower and east facing slopes. Brighter, even sunny spells may develop across the southern hills through afternoon. Little change through evening.

Maximum wind: Westerly 30mph gusting 40mph initially, gradually easing through the day.

Chance of cloud free mountain/hill tops above 600m: 40%, improving 70% for a time during afternoon.

Visibility: Cloud will be rather persistent above 600m through morning and perhaps early afternoon, lifting above the summits at times through afternoon. Away from this, no issues expected.

Temperature: **Valleys:** Plus 13 Celsius rising to 17 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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